



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
David Edgar Hauber) Art Unit: 1772
Serial No. 09/332,420) Examiner: A. Chevalier
Filed: June 14, 1999)
FOR: REINFORCED THERMOPLASTIC)
PIPE MANUFACTURE)

AMENDMENT A

RECEIVED

Commissioner of Patents
Box 1450
Washington, D.C. 22313-1450

MAY 16 2003

TC 1700

Sir:

Responsive to the Office Action mailed
January 21, 2003, please further amend all remaining claims
1-3 and 5-9 in the present CPA application as follows:

IN THE CLAIMS

Replace claim 1 to read:

1. A fiber reinforced pipe member comprising an
already formed solid thermoplastic pipe length having an
outer wall enclosing an inner hollow cavity which includes
a plurality of continuous juxtapositioned reinforcement
fibers formed with a solid material composition selected
from the group consisting of ceramics, metals, carbon,
glass compositions and organic polymer thermally bonded to
the outer wall surface at a predetermined spatial angle
with respect thereto for maximum effectiveness in
withstanding the applied internal stress when the
reinforced pipe member is subsequently put into service,
the continuous fiber having been continuously applied in an
unbonded condition while maintaining said already formed
pipe member in its hollow condition and the subsequent
thermal bonding of the applied fibers only adhering the
applied fibers to the outer wall surface of the underlying
hollow pipe member without utilizing further adherence
agents and while not further melting said underlying pipe
length to avoid introducing thermally induced residual
stress therein.

7. A plurality of identical fiber reinforced
pipe members joined together prior to reinforcement at the
ends and each comprising a solid thermoplastic pipe length
having an outer wall enclosing an inner hollow cavity, said